

Title (en)
AUTONOMOUS AGRICULTURAL SYSTEM

Title (de)
AUTONOMES LANDWIRTSCHAFTLICHES SYSTEM

Title (fr)
SYSTÈME AGRICOLE AUTONOME

Publication
EP 3934407 A4 20221221 (EN)

Application
EP 20855389 A 20200824

Priority
• US 201962890345 P 20190822
• US 2020047652 W 20200824

Abstract (en)
[origin: US2021051838A1] An autonomous agricultural system comprising a mobile power unit including a frame and a power supply. A position of the power supply is shiftable with respect to the frame of the mobile power unit. The autonomous agricultural system additionally includes an implement releasably secured to the mobile power unit. The mobile power unit is configured to transport the implement. The mobile power unit is further configured to provide power from the power supply to the implement.

IPC 8 full level
A01B 69/04 (2006.01); **A01B 76/00** (2006.01); **A01D 69/00** (2006.01); **G05D 1/00** (2006.01); **G05D 1/02** (2020.01)

CPC (source: EP US)
A01B 51/026 (2013.01 - EP); **A01B 51/04** (2013.01 - EP); **A01B 59/042** (2013.01 - EP); **A01B 59/048** (2013.01 - EP);
A01B 69/008 (2013.01 - EP US); **G05D 1/0278** (2024.01 - US)

Citation (search report)
• [X] WO 2017106874 A1 20170622 - INTELLIFARM INC [US]
• [YA] KR 102001517 B1 20190717
• [Y] JP H0623404 U 19940329
• [A] US 2015105962 A1 20150416 - BLACKWELL ROBERT [US], et al
• [A] JP 2013226161 A 20131107 - NAT AGRICULTURE & FOOD RES ORG
• See also references of WO 2021035218A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 11849661 B2 20231226; **US 2021051838 A1 20210225**; AU 2020332001 A1 20211104; EP 3934407 A1 20220112;
EP 3934407 A4 20221221; US 2024040949 A1 20240208; US 2024040950 A1 20240208; US 2024040951 A1 20240208;
WO 2021035218 A1 20210225

DOCDB simple family (application)
US 202017001217 A 20200824; AU 2020332001 A 20200824; EP 20855389 A 20200824; US 2020047652 W 20200824;
US 202318489519 A 20231018; US 202318489618 A 20231018; US 202318489643 A 20231018